

**THE EFFECT OF APPLYING TYPE AND DOSE OF NITROGEN
FERTILIZER BY FERTIGATION ON THE GROWTH OF ROBUSTA
COFFEE SEEDS (*Coffea canephora*)**

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ABSTRACT

This research is about the growth of robusta coffee seedlings. The purpose of this research is to find out the the influence of the growth of Robusta Coffee seedlings from cuttings on the aplication of nitrogen fertilizer with various doses given by fertigation. Completely Randomized Design (CRD) factorial with 2 factors. The first factor is the application of nitrogen which consists of 2 levels, namely N1 (Urea Fertilizer) and N2 (ZA Fertilizer). + 1 Liter / 2 Days), D3(6 gr + 1 Liter / 2 Days / evaporation), D4 (8 gr + 1 Liter / 2 Days / evaporation) were used in this study. The results of analysis using Anova on leaf area parameters produced very significant differntces in the nitrogen treatrment and significant differences in nitrogen fertilizer doses, while the other parameters produce no significant differences.

Key words : Nitrogen Fertilizer, Robusta Coffee (*Coffea canephora*), Seedling Growth, Fertigation.